

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|            |   |                              |   |           |
|------------|---|------------------------------|---|-----------|
| Applicants | : | O'Donnell et al.             | ) | Examiner: |
| Serial No. | : | 10/673,120                   | ) | R. Hutson |
| Cnfrm. No. | : | 2639                         | ) | Art Unit: |
|            |   |                              | ) | 1652      |
| Filed      | : | September 26, 2003           | ) |           |
| For        | : | AQUIFEX AEOLICUS DELTA PRIME | ) |           |
|            |   | POLYMERASE SUBUNIT AND USE   | ) |           |
|            |   | THEREOF                      | ) |           |

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AMENDMENT

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the office action dated March 22, 2006, please amend the above-identified application as follows:

**Amendments to the Specification** appear beginning on page 2 of this paper.

**Amendments to the Claims** begin on page 4 of this paper.

**Remarks** begin on page 6 of this paper.